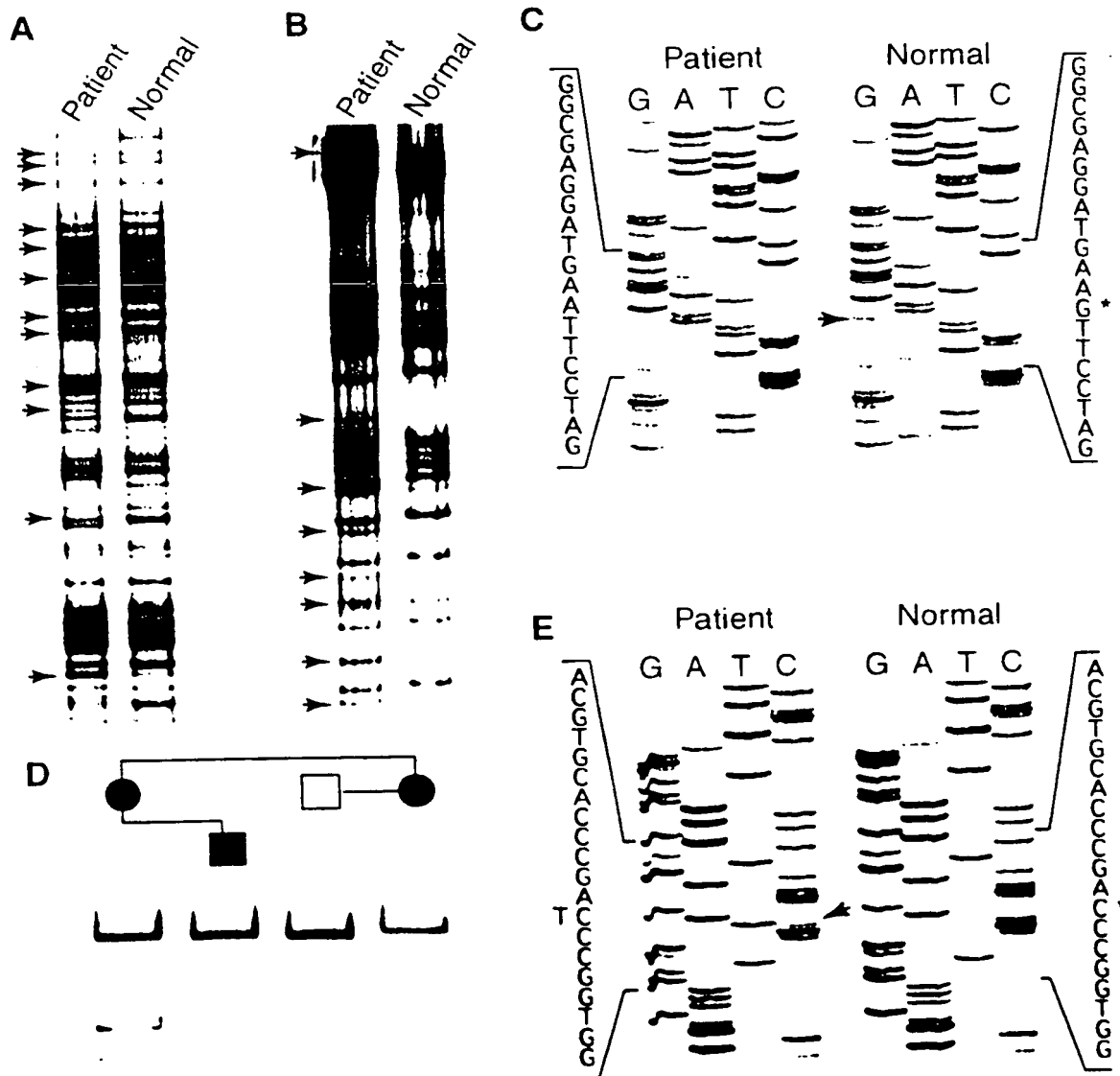


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 171 CGC CTG TTT GCT GCC GAG CTG GGC CGA GAG GAG CCG GAC CTG GTG CTC CTT TCC TTG GTG 40
 231 CTG GGC TTC GTG GAG CAT TTT CTG GCT GTC AAC CCG GTC ATC CCT ACC AAC GTT CCC GAG 60
 291 CTC ACC TTC CAG CCC AGC CCC GCC CCC GAC CCG CCT GGC GGC CTC ACC TAC TTT CCC GTG 80
 351 GCC GAC CTG TCT ATC ATC GCC GCC CTC TAT GCC CGC TTC ACC GCC CAG ATC CGA GGC GCC 100
 411 GTC GAC CTG TCC CTC TAT CCT CGA GAA GGG GGT GTC TCC AGC CGT GAG CTG GTG AAG AAG 120
 471 GTC TCC GAT GTG ATA TGG AAC AGC CTC AGC CGC TCC TAC TTC AAG GAT CGG GCC CAC ATC 140
 531 CAG TCC CTC TTC AGC TTC ATC ACA GGC ACC AAA TTG GAC AGC TCC GGT GTG GCC TTT GCT 160
 591 GTG GTT GGG GCC TGC CAG GCC CTG GGT CTC CGG GAT GTC CAC CTC GCC CTC TCT GAG GAT 180
 651 CAT GCC TGG GTA GTG TTT GGG CCC AAT GGG GAG CAG ACA GCT GAG GTC ACC TGG CAC GGC 200
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 771 CTG TAC CTG AAA GGA TCA TAC ATG CGC TGT GAC CGC AAG ATG GAG GTG GCG TTC ATG GTG 240
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 1671 ACT GTC GCT GGC ACA GCC CGA GGC CCT GAA GGT GGC AGC ACG GCT CAG GTG CCA CCA CCC 540
 1731 GCA GCA TCA CCA CCG CCG GAG GGT CCA GTG CTC ACT TTC CAG ACT GAG AAG ATG AAG GGC 560
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 1979 GGCTCCGCTTAGTCCCACTCTGAGCCCATGTTCTGCCCCAGCCCAAGGGGACAGGCCTCACCTCTACCCAAAC
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 2769 AAAA

FIGURE 1

Figure 2



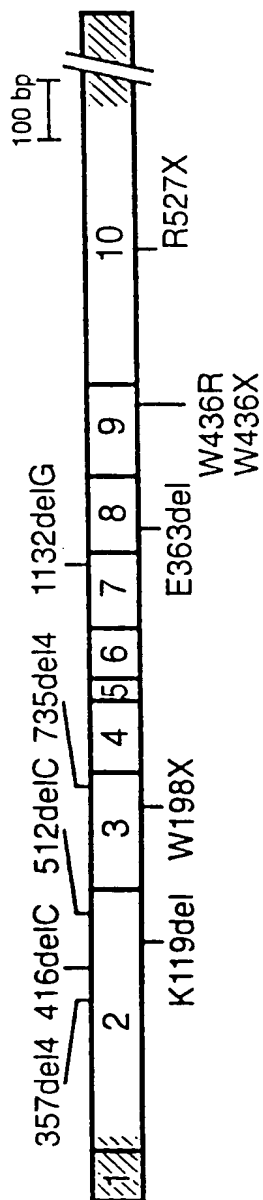


FIGURE 3

Figure 4
Mutations in the MEN1 gene

Exon	Mutation	Nature of Mutation
Exon 2 from ATG	P12L (CCG/CTG)	Missense
	L22R (CTG/CGG)	Missense
	313delC	Frameshift
	357del4	Frameshift
	418delC	Frameshift
	K119del	In-frame deletion
	K120X (AAG/TAG)	Nonsense
	512delC	Frameshift
	H139D (CAC/GAC)	Missense
	H139Y (CAC/CAT)	Missense
	F144V (TTC/GTC)	Missense
	E26K (GAG->AAG)	Missense
	R108X (CGA->TGA)*	Nonsense
	134del13	Frameshift
	358del4	Frameshift
	358del25	Frameshift
	I86F (ATC->TTC)	Missense
	483delAT	Frameshift
	W126G (TGG->GGG)	Missense
	545insT	Frameshift
Exon 3	A160P (GCT/CCT)	Missense
	A176P (GCC/CCC)	Missense
	W183X (TGG/TAG)	Nonsense
	W198X (TGG/TGA)	Nonsense
	713delG	Frameshift
	735del4	Frameshift
	764+3 (A->G)	Frameshift
	F159C (TTT->TGT)	Missense
Exon 4	A242V (GCC/GTC)	Missense
	Q280X (CAG/TAG)	Nonsense
	875insA	Frameshift
Exon 5	W285X (TGG/TAG)	Nonsense
	934+1 (G->A)	Frameshift
Exon 6	L286P (CTA/CCA)	Missense
Exon 7	S308X (TCA/TAA)	Nonsense
	A309P (GCC/CCC)	Missense
	Y312X (TAC/TAA)	Nonsense
	Y323X (TAC/TAG)	Nonsense
	1132delG	Frameshift
	T344R (ACG/AGG)	Missense
Exon 8	E363del	In-frame deletion
	1202del2	Frameshift
	1200delG	Frameshift
	1279ins11	Frameshift
	1212del7	Frameshift
Exon 9	D418del	In-frame deletion
	W436R (TGG/CGG)	Missense
	W436X (TGG/TAG)	Nonsense
	F447S (TTT/TCT)	Missense
	D418N (GAC->AAC)	Missense
	F410L (TTC->TTA)	Missense
Exon 10 to stop	R460X (CGA/TGA)	Nonsense
	1484delB	Frameshift
	1509insGA	Frameshift
	1650delC	Frameshift
	1650insC	Frameshift
	R527X (CGA/TGA)	Nonsense
	M581T (ATG->ACG)	Missense
	1812del5	Frameshift
	1702G->C	Frameshift
	1699delA	Frameshift
	1461delG	Frameshift
	K502M (AAG->ATG)	Missense
	A535V (GCT->GTT)	Missense
	S543L (TCA->TTA)	Missense